

INTERNATIONAL SEARCH REPORT

 International Application No.
 PCT/PTO 03/00751

 10/534926
 13 MAY 2005

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G01V1/157

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 320 466 A (CONSIGLIO NAZIONALE RICERCHE) 14 June 1989 (1989-06-14) column 6, line 8 - line 56 column 8, line 19 - line 56	8-15
A	claim 1	1-7
Y	FR 1 395 127 A (DYNA PULSE) 9 April 1965 (1965-04-09) page 3, left-hand column, line 36 - line 54	8-15
A	US 4 734 894 A (CANNELLI GIOVANNI B ET AL) 29 March 1988 (1988-03-29) column 4, line 12 - column 5, line 1	1-7
Y		8-15
A	US 4 868 791 A (CATHIGNOL DOMINIQUE ET AL) 19 September 1989 (1989-09-19) column 5, line 12 - line 53; figure 1	1-15

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

24 March 2004

Date of mailing of the international search report

02/04/2004

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Thomas, J

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/JP 03/00751

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0320466	A	14-06-1989	IT 1211963 B	08-11-1989
			AT 77156 T	15-06-1992
			CA 1316249 C	13-04-1993
			DE 3871922 D1	16-07-1992
			DE 3871922 T2	03-12-1992
			EP 0320466 A2	14-06-1989
			ES 2033010 T3	01-03-1993
			GR 3005287 T3	24-05-1993
			JP 2077675 A	16-03-1990
			US 4899845 A	13-02-1990
FR 1395127	A	09-04-1965	NONE	
US 4734894	A	29-03-1988	IT 1178206 B	09-09-1987
			AT 65613 T	15-08-1991
			AU 5065385 A	15-05-1986
			CA 1250040 A1	14-02-1989
			DE 3583617 D1	29-08-1991
			EP 0230415 A1	05-08-1987
			WO 8602739 A1	09-05-1986
			JP 4008755 B	18-02-1992
			JP 62500685 T	19-03-1987
US 4868791	A	19-09-1989	FR 2612345 A1	16-09-1988
			AT 59739 T	15-01-1991
			DE 3861339 D1	07-02-1991
			DE 285469 T1	30-03-1989
			EP 0285469 A1	05-10-1988
			GR 3001590 T3	23-11-1992
			IL 85620 A	29-03-1992
			JP 1231973 A	18-09-1989